



INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 018.997703		SERIAL NO. 10/729,628	
				Inventor J'ai et al.			
				FILING 12/4/2003		GROUP 3737	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	3,830,240	8/20/1974	Antonevich et al.	128	328	7/21/1972	
	3,861,391	1/21/1975	Antonevich et al.	128	328	3/20/1974	
	4,016,436	4/5/1977	Shoh	310	8.2	12/10/1975	
	4,180,074	12/25/1979	Murry et al.	128	276	3/15/1977	
	4,472,840	9/25/1984	Jefferies	3	1.9	9/30/1982	
	4,537,511	8/27/1985	Frei	366	127	3/28/1984	
	4,600,005	7/15/1986	Hendel	128	304	8/22/1984	
	4,657,548	4/14/1987	Nichols	623	10	5/1/1986	
	4,747,820	5/31/1988	Hornlein et al.	604	22	4/9/1986	
	4,870,953	10/3/1989	DonMichael et al.	128	24	11/13/1987	
	4,881,761	11/21/1989	Hornlein et al.	285	239	5/26/1988	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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				Pal et al.			
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		4,951,653	8/28/1990	Fry et al.	128	24	3/2/1988
		4,988,334	1/29/1991	Hornlein et al.	604	22	5/26/1988
		5,111,822	5/12/1992	Dory	128	660.03	5/16/1989
		5,152,763	10/6/1992	Johnson	606	86	4/2/1991
		5,230,334	7/27/1993	Klopotch	128	399	1/22/1992
		5,240,675	8/31/1993	Wilk et al.	422	22	9/24/1992
		5,295,484	3/22/1994	Marcus et al.	128	660.03	5/19/1992
		5,304,115	4/19/1994	Pflueger, Russell et al.	604	22	1/11/1991
		5,344,435	9/6/1994	Turner et al.	607	101	11/5/1990
		5,368,037	11/29/1994	Eberle et al.	128	662.06	2/1/1993
	5,513,662	5/7/1996	Morse et al.	128	898	1/21/1994	
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	5,549,638	8/27/1996	Burdette	607	97	5/17/1994	
	5,551,448	9/3/1996	Matula et al.	128	897	7/21/1994	
	5,556,379	9/17/1996	Wolfenbarger	604	49	2/27/1995	
	5,601,526	2/11/1997	Chapelon et al.	601	3	12/21/1992	
	5,657,760	8/19/1997	Ying et al.	128	660.03	1/11/1996	
	5,695,500	12/9/1997	Taylor et al.	606	130	4/6/1994	
	5,697,932	12/16/1997	Smith et al.	606	80	11/9/1994	
	5,711,299	1/27/1998	Manwaring et al.	128	653.1	1/26/1996	
	5,725,478	3/10/1998	Saad	600	157	3/14/1996	
	5,730,372	3/24/1998	Bradley	241	29	4/29/1996	
	5,730,719	3/24/1998	Edwards	604	22	8/28/1996	
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		5,797,871	8/25/1998	Wolfenbarger, Jr.	604	49	5/7/1996
		5,810,765	9/22/1998	Oda	604	31	6/5/1995
		5,820,581	10/13/1998	Wolfenbarger, Jr.	604	49	3/21/1996
		5,871,514	2/16/1999	Wiklund et al.	607	36	8/1/1997
		5,871,515	2/16/1999	Wiklund et al.	607	36	8/27/1998
		5,897,578	4/27/1999	Wiklund et al.	607	36	8/27/1998
		5,902,264	5/11/1999	Toso et al.	604	27	4/25/1997
		5,919,215	7/6/1999	Wiklund et al.	607	36	8/27/1998
		5,938,615	8/17/1999	Eberle et al.	600	463	9/23/1997
	5,950,629	9/14/1999	Taylor et al.	128	897	4/28/1994	
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MJ	6,022,354	2/8/2000	Mercuri et al.	606	80	12/4/1998	
	6,045,555	4/4/2000	Smith et al.	606	80	12/10/1997	
	6,080,155	6/27/2000	Michelson	606	61	2/27/1995	
✓	Re33,590	5/21/1991	Dary	128	660.03	11/22/1988	
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						YES	NO
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INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

ATTY DOCKET NO.

018.997703

APPLICATION NO.

10/729.628

APPLICANT(S)

Pal et al.

FILING DATE

12/04/2003

GROUP ART UNIT

3737

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE, IF APPROPRIATE
<i>MP</i>	3,619,671	11/9/1971	Shoh	310	325	12/29/1969
	3,830,240	8/20/1974	Antonevich et al.	128	328	7/21/1972
	3,861,391	1/21/1975	Antonevich et al.	128	328	3/20/1974
	4,016,436	4/5/1977	Shoh	310	8.2	12/10/1975
	4,180,074	12/25/1979	Murry et al.	128	276	3/15/1977

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>MP</i>	WO 92 07687 A	5/14/1992	PCT	B24B	1/04		<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Portinent Pages, Etc.)

<i>MP</i>		C.V. Ptltsyn et al.; "Ultrasonic Equipment for Machining Holes on Drilling Machines" 1980, Stanki I Instrument, Vo. 51, Issue 4, pp. 31-32
<i>MP</i>		John Mortimer; "Ultrasonics Will Machine Tomorrow's Materials" 1/15/1970, The Engineer

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DATE CONSIDERED

12-12-07

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 Form PTO-A820
 (also form PTO-1449)

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PAGE 4/58 * RCVD AT 8/31/2004 2:44:28 PM [Eastern Daylight Time] * SVR:USPTO-EF-XRF-1/0 * DNS:8729306 * CSID:7166645606 * DURATION (mm-ss):15:04

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				Pal et al.		GROUP ART 3737	
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U.S. PATENT DOCUMENTS							
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<i>Dup</i> 		4,870,953	10/3/1989	DonMichael et al.	128	24	11/13/1987
		4,881,761	11/21/1989	Hornlein et al.	285	219	5/26/1988
		4,951,653	8/28/1990	Fry et al.	128	24	3/2/1988
		4,988,334	1/29/1991	Hornlein et al.	604	22	5/26/1988
		5,111,822	5/12/1992	Dory	128	660.03	5/16/1989
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(Many cites are duplicate to earlier IDS 2-6-07)

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		5,152,763	10/6/1992	Johanson	606	86	4/2/1991		
		5,230,334	7/27/1993	Klopotek	128	399	1/22/1992		
		5,240,675	8/31/1993	Wilk et al.	422	22	9/24/1992		
		5,295,484	3/22/1994	Marcus et al.	128	660.03	5/19/1992		
		5,304,115	4/19/1994	Pfueger, Russell et al.	604	22	1/11/1991		
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		5,344,435	9/6/1994	Turner et al.	607	101	11/5/1990	
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		5,513,662	5/7/1996	Morse et al.	128	898	1/21/1994	
		5,540,638	8/27/1996	Harlette	607	97	5/17/1994	
		5,551,448	9/3/1996	Matula et al.	128	897	7/21/1994	
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INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				Docket Number (Optional) 018.997703		Application Number 10/729.628		
				Applicant(s) Pal et al.				
				Filing Date 12/4/03		Group Art Unit 3737		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5,556,379	9/17/1996	Wolfenbarger	604	49	2/27/1995	
		5,597,345	1/28/1997	Young	451	165	6/20/1994	
		5,601,526	2/11/1997	Chapelon et al.	601	3	12/21/1992	
		5,628,743	5/13/1994	Cimino	604	22	12/21/1994	
		5,657,760	8/19/1997	Ying et al.	128	660.03	1/11/1996	
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INFORMATION DISCLOSURE CITATION
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018,297,703

APPLICATION NO.

10/729,628

APPLICANT(S)

Pal et al.

FILING DATE

12/04/03

GROUP ART UNIT

3737

U.S. PATENT DOCUMENTS

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<i>MP</i>	5,695,500	12/9/1997	Taylor et al.	606	130	4/6/1994
<i>MP</i>	5,697,932	12/16/1997	Smith et al.	606	80	11/9/1994
<i>MP</i>	5,711,299	1/27/1998	Manwaring et al.	128	653.1	1/26/1996
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Form PTO-A820



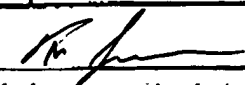
(also form PTO-1449)

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[initial]		5,871,514	2/16/1999	Wiklund et al.	607	36	8/1/1997		
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PM		Re33,590	5/21/1991	Dery	128	660.03	11/22/1998	
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